

CLEAN VERSION OF PENDING CLAIMS**RAPID GENERATION OF RECOMBINANT ADENOVIRAL VECTORS**

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Serial No.: 09/521,524

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27. [New] A method for producing recombinant adenovirus consisting of transfecting a host cell with
- (a) an Ad backbone plasmid comprising an Ad genome lacking map units 0 to 9.2, wherein the numbering of the map units starts with the lefthand ITR, and
 - (b) a shuttle plasmid comprising Ad sequences from 0 to 1 map units and 9.2 to 16.1 map units of an Ad genome,
- wherein the shuttle plasmid is present in an amount of about fifteen times molar ratio as compared to an amount of the backbone plasmid.
28. [New] The method of claim 27, wherein the transfecting is by a calcium phosphate method of transfection.
29. [New] The method of claim 27, wherein the Ad backbone plasmid is pacAd5 9.2-100/SwaI, pacAd5 9.2-100/E3Δ-RSVntLacZ, pacAd5 9.2-100/E3Δ1.8, pacAd5 9.2-100/E3Δ2.6, pacAd5 9.2-100/E3Δ3.1, pacAd5 9.2-100/E3Δ-RSVeGFP, pacAd5 9.2-100/E3ΔE4orf6, pacAd5 9.2-100/E4Δ, or pacAd5 9.2-100.
30. [New] Ad backbone plasmid pacAd5 9.2-100/SwaI, pacAd5 9.2-100/E3Δ-RSVntLacZ, pacAd5 9.2-100/E3Δ1.8, pacAd5 9.2-100/E3Δ2.6, pacAd5 9.2-100/E3Δ3.1, pacAd5 9.2-100/E3Δ-RSVeGFP, pacAd5 9.2-100/E3ΔE4orf6, pacAd5 9.2-100/E4Δ, or pacAd5 9.2-100.
31. [New] A cloning system for generating recombinant adenovirus comprising:
- (a) Ad backbone plasmid pacAd5 9.2-100/SwaI, pacAd5 9.2-100/E3Δ-RSVntLacZ, pacAd5 9.2-100/E3Δ1.8, pacAd5 9.2-100/E3Δ2.6, pacAd5 9.2-100/E3Δ3.1, pacAd5 9.2-100/E3Δ-RSVeGFP, pacAd5 9.2-100/E3ΔE4orf6, pacAd5 9.2-100/E4Δ, or pacAd5 9.2-100, and
 - (b) a shuttle plasmid comprising Ad sequences from 0 to 1 map units and 9.2 to 16.1 map units of an Ad genome.
32. [New] A host cell comprising:
- (a) Ad backbone plasmid pacAd5 9.2-100/SwaI, pacAd5 9.2-100/E3Δ-RSVntLacZ, pacAd5 9.2-100/E3Δ1.8, pacAd5 9.2-100/E3Δ2.6, pacAd5 9.2-100/E3Δ3.1, pacAd5 9.2-100/E3Δ-RSVeGFP, pacAd5 9.2-100/E3ΔE4orf6, pacAd5 9.2-100/E4Δ, or pacAd5 9.2-100, and
 - (b) a shuttle plasmid comprising Ad sequences from 0 to 1 map units and 9.2 to 16.1 map units of an Ad genome.

33. [New] The host cell of claim 30, wherein the cell is an animal cell.
34. [New] A method for producing recombinant adenovirus consisting of contacting a host cell with
- (a) Ad backbone plasmid pacAd5 9.2-100/SwaI, pacAd5 9.2-100/E3Δ-RSVntLacZ, pacAd5 9.2-100/E3Δ1.8, pacAd5 9.2-100/E3Δ2.6, pacAd5 9.2-100/E3Δ3.1, pacAd5 9.2-100/E3Δ-RSVeGFP, pacAd5 9.2-100/E3ΔE4orf6, pacAd5 9.2-100/E4Δ, or pacAd5 9.2-100, and
 - (b) a shuttle plasmid comprising Ad sequences from 0 to 1 map units and 9.2 to 16.1 map units of an Ad genome.